Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048374.D
Acq On : 12 Mar 2021 18:51
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 23:17:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 12 10:06:23 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD020011

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	46599	20.00	ng/ul	0.00
20) Naphthalene-d8	10.94	136	184209	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.76	164	147189	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.51	188	382626	20.00	ng/ul	0.00
79) Chrysene-d12	21.81	240	406557	20.00	ng/ul	0.00
88) Perylene-d12	25.16	264	407436	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	8715	8.10	ng/uL	0.00
4) Pyridine-d5	3.93	84	72421m	22.00	ng/ul	0.00
7) Phenol-d5	7.25	99	85380	21.09	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	52588	21.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	59778	21.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.82	113	72012	21.68	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	29943	23.48	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	33136	23.73	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	78158	22.78	ng/ul	0.00
31) 4-Chloroaniline-d4	11.07	131	91697	21.22	ng/ul	0.00
46) Dimethylphthalate-d6	14.16	166	260625	21.52	ng/ul	0.00
49) Acenaphthylene-d8	14.45	160	283238	21.30	ng/ul	0.00
54) 4-Nitrophenol-d4	14.93	143	39005	21.63	ng/ul	0.00
60) Fluorene-d10	15.75	176	229725	21.49	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	42305	21.64	ng/ul	0.00
73) Anthracene-d10	17.61	188	381370	21.82	ng/ul	0.00
81) Pyrene-d10	19.89	212	457270	21.99	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.92	264	474850	21.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	10340	9.581	ng/uL	95
5) Pyridine	3.95	79	68325	20.774	ng/ul	91
6) Benzaldehyde	7.25	77	68971	26.979	ng/ul	95
8) Phenol	7.28	94	92051	21.507	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.53	93	67728	21.700	ng/ul	95
12) 2-Chlorophenol	7.68	128	63711	21.336	ng/ul	94
13) 2-Methylphenol	8.55	108	67496	21.080	ng/ul	89
14) 2,2'-oxybis(1-Chloropropan	8.65	45	80359	21.792	ng/ul	99
16) Acetophenone	8.95	105	118466	21.759	ng/ul	94
17) N-Nitroso-di-n-propylamine	8.93	70	71943	22.288	ng/ul	96
18) 4-Methylphenol	8.88	108	70904	21.094	ng/ul	88
19) Hexachloroethane	9.22	117	30088	21.623	ng/ul	96
22) Nitrobenzene	9.33	77	99572	23.681	ng/ul	97
23) Isophorone	9.86	82	188525	21.691	ng/ul	97
25) 2-Nitrophenol	10.04	139	39406	24.780	ng/ul	88
26) 2,4-Dimethylphenol	10.09	107	94879	22.674	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.34	93	95739	21.882	ng/ul	97
29) 2,4-Dichlorophenol	10.57	162	71894	22.429	ng/ul	98
30) Naphthalene	11.00	128	214571	22.041	ng/ul	97
32) 4-Chloroaniline	11.09	127	93728	22.055	ng/ul	93
33) Hexachlorobutadiene	11.28	225	69885	22.920	ng/ul	90
34) Caprolactam	11.85	113	25872m	21.185	ng/ul	

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35) 4-Chloro-3-methylphenol	12.20	107	87909	23.384	ng/ul	97
36) 2-Methylnaphthalene	12.59	142	167610	22.321	ng/ul	95
37) 1-Methylnaphthalene	12.81	142	165689	22.278	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	124479	22.216	ng/ul	95
40) Hexachlorocyclopentadiene	12.94	237	86109	21.164	ng/ul	98
41) 2,4,6-Trichlorophenol	13.19	196	76191	22.097	ng/ul#	95
42) 2,4,5-Trichlorophenol	13.26	196	83150	22.467	ng/ul	98
43) 1,1'-Biphenyl	13.59	154	227432	20.882	ng/ul	99
44) 2-Chloronaphthalene	13.64	162	182869	21.435	ng/ul	97
45) 2-Nitroaniline	13.83	65	68067	25.828	ng/ul	92
47) Dimethylphthalate	14.20	163	264504	21.627	ng/ul	97
48) 2,6-Dinitrotoluene	14.33	165	49215	23.495	ng/ul	99
50) Acenaphthylene	14.48	152	275644	21.619	ng/ul	100
51) 3-Nitroaniline	14.65	138	47191	23.433	ng/ul	82
52) Acenaphthene	14.82	153	196986	20.832	ng/ul	98
53) 2,4-Dinitrophenol	14.85	184	32491	23.316	ng/ul#	78
55) 4-Nitrophenol	14.95	109	58045	24.304	ng/ul	84
56) Dibenzofuran	15.16	168	288292	21.463	ng/ul	100
57) 2,4-Dinitrotoluene	15.11	165	75660	25.110	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.37	232	81127	23.189	ng/ul#	96
59) Diethylphthalate	15.57	149	263674	21.572	ng/ul	99
61) Fluorene	15.81	166	242619	21.220	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.80	204	145806	21.023	ng/ul	96
63) 4-Nitroaniline	15.81	138	52849	25.204	ng/ul	86
66) 4,6-Dinitro-2-methylphenol	15.87	198	45543	22.184	ng/ul#	97
67) N-Nitrosodiphenylamine	16.01	169	226617	21.383	ng/ul	98
68) 4-Bromophenyl-phenylether	16.70	248	102487	21.060	ng/ul	95
69) Hexachlorobenzene	16.81	284	112512	21.999	ng/ul	98
70) Atrazine	16.95	200	103296	21.658	ng/ul	95
71) Pentachlorophenol	17.15	266	68874	21.227	ng/ul	99
72) Phenanthrene	17.55	178	425109	21.881	ng/ul	99
74) Anthracene	17.65	178	424050	21.217	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.56	216	129503	21.588	ng/uL	92
76) Pentachlorobenzene	15.07	250	133231	21.202	ng/uL	98
77) Carbazole	17.91	167	368832	21.782	ng/ul	97
78) Di-n-butylphthalate	18.47	149	452829	21.367	ng/ul	99
80) Fluoranthene	19.56	202	566294	21.950	ng/ul	99
82) Pyrene	19.92	202	559735	21.726	ng/ul	99
83) Butylbenzylphthalate	20.81	149	197471	21.432	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.70	252	220871	22.180	ng/ul	99
85) Benzo(a)anthracene	21.79	228	582616	21.689	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.70	149	282879	21.061	ng/ul	99
87) Chrysene	21.85	228	550870	21.446	ng/ul	98
89) Di-n-octyl phthalate	22.96	149	474484	21.395	ng/ul	100
90) Benzo(b)fluoranthene	24.09	252	584590m	21.693	ng/ul	
91) Benzo(k)fluoranthene	24.16	252	567116	21.415	ng/ul	98
93) Benzo(a)pyrene	25.00	252	504833	21.325	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.99	276	655616	21.529	ng/ul	97
95) Dibenzo(a,h)anthracene	29.06	278	551925	22.292	ng/ul	98
96) Benzo(g,h,i)perylene	30.19	276	537438	21.773	ng/ul#	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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